

WGS� Monitoring - Bacti results

Tanimoto, Ross

to:

Stephen Tyahla

01/16/2011 02:53 PM

Cc:

"Namumnart, Wilma"

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History: This message has been replied to.

Attached, please find the bacti results. Other parameters will also be analyzed.

In the future, you will be included in our distribution email.

If there are any questions, please don't hesitate. Thanks!

## Results of Analyses

## Waimanalo Gulch Sanitary Landfill Monitoring

January 16, 2011

Samples collected Saturday, January 15, 2011 (3<sup>rd</sup> day):

<u>Station</u>	<u>Collection</u>		<u>Enterococci</u> <sup>1</sup>	<u>C. perfringens</u> <sup>2</sup>	<u>Salinity</u>
	<u>Time</u>				
Upper Canyon	9:00 A.M.		4,300	6	< 0.1
Farrington Hwy.	8:22 A.M.		39,000	100	< 0.1
West Station	8:05 A.M.		500	44	32.9
Ocean Outlet	7:53 A.M.		47,000	230	< 0.1
East Station	7:25 A.M.		700	24	31.9

Weather: Sunny.

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<sup>1</sup> EPA-821-12-06-009, Method 1600: Enterococci in Water by Membrane-Filtration using Membrane-Enterococcus Indoxyl- $\beta$ -D-glucoside agar (mEI) July 2006.

<sup>2</sup> Bisson, J.W., Cabelli, V.J., "Membrane Filter Enumeration Method for *Clostridium perfringens*," Applied and Environmental Microbiology, Jan 1978; Armon, R., Payment, P., "A Modified mCP Medium for Enumerating *C. perfringens* from Water Samples," Canadian Journal of Microbiology, 1988.

## Results of Analyses

## Waimanalo Gulch Sanitary Landfill Monitoring

January 14, 2011

Samples collected Thursday, January 13, 2011 (1<sup>st</sup> day):

Collection		<u>Enterococci</u> <sup>1</sup>	<u>C. perfringens</u> <sup>2</sup>	<u>Salinity</u>
<u>Station</u>	<u>Time</u>			
Upper Canyon	5:20 P.M.	5,900	20	< 0.1
Farrington Hwy.	5:45 P.M.	73,000	130	< 0.1
West Station	5:18 P.M.	2,000	58	33.4
Ocean Outlet	5:12 P.M.	68,000	150	< 0.1
East Station	5:25 P.M.	3,500	70	33.4

Weather: Overcast.

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<sup>1</sup> EPA-821-12-06-009, Method 1600: Enterococci in Water by Membrane-Filtration using Membrane-Enterococcus Indoxyl-β-D-glucoside agar (mEI) July 2006.

<sup>2</sup> Bisson, J.W., Cabelli, V.J., "Membrane Filter Enumeration Method for *Clostridium perfringens*," Applied and Environmental Microbiology, Jan 1978; Armon, R., Payment, P., "A Modified mCP Medium for Enumerating *C. perfringens* from Water Samples," Canadian Journal of Microbiology, 1988.

## Results of Analyses

## Waimanalo Gulch Sanitary Landfill Monitoring

January 15, 2011

Samples collected Friday, January 14, 2011 (2<sup>nd</sup> day):

Collection		<u>Enterococci</u> <sup>1</sup>	<u>C. perfringens</u> <sup>2</sup>	<u>Salinity</u>
<u>Station</u>	<u>Time</u>			
Upper Canyon	1:43 P.M.	8,200	290	0.1
Farrington Hwy.	1:01 P.M.	1.1 X 10 <sup>5</sup>	130	< 0.1
West Station	12:48 P.M.	400	18	34.2
Ocean Outlet	2:43 P.M.	9.8 X 10 <sup>4</sup>	130	< 0.1
East Station	12:30 P.M.	1,200	46	33.7

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<sup>1</sup> EPA-821-12-06-009, Method 1600: Enterococci in Water by Membrane-Filtration using Membrane-Enterococcus Indoxyl-β-D-glucoside agar (mEI) July 2006.

<sup>2</sup> Bisson, J.W., Cabelli, V.J., "Membrane Filter Enumeration Method for *Clostridium perfringens*," Applied and Environmental Microbiology, Jan 1978; Armon, R., Payment, P., "A Modified mCP Medium for Enumerating *C. perfringens* from Water Samples," Canadian Journal of Microbiology, 1988.